

A2 increasing concentration of said enzyme inhibitors per unit of time of at least one of [this] said cleavage products during an incubation time.

[The said process is characterized by withdrawing the enzyme inhibitors from the sample by means of chromatography].

A3 3[(amended)] A process according to [one of the claims 1 or 2] Claim 2 characterized in that [the] said sample is diluted with a buffer qualified for the column.

4[(amended)] A process according to [one of the claims 1 to 3] Claim 1 characterized in that a [suitable] buffer is added to [the] said sample in order to produce definite experimental conditions.

5[(amended)] A process according to [one of the claims 1 to 4] Claim 1 characterized in that the substrate is held at constant temperature at least during the incubation time.

6[(amended)] A process according to [one of the claims 1 to 5] Claim 1 characterized in that the increasing concentration of one of the cleavage products of the substrate is detected by means of fluorimetry.

An 23[(amended)] A process for measuring enzyme inhibitors in liquids [especially] according to [the claims 1 to 6] Claim 1, which comprises withdrawing enzymes corresponding to at least one of the enzyme inhibitors in the sample to be measured by means of chromatography and [analysing] analyzing the present concentration and/or activity of [the specific] said at least one inhibitors by means of specific assays.

24[(amended)] A process according to claim 23 characterized in that the sample to be measured is passed through a column [(1)] filled with a chromatographic carrier, that is] and treated with a substance capable of binding enzymes.

25[(amended)] A process according to claim 23 [or 24] characterized in that the [manipulated] sample is diluted with a [suitable] column buffer [in a definite manner].

26[(amended)] A process according to [one of the claims 23 to 25] Claim 23 characterized in that there is added a [qualified (proper)] measuring buffer to the [manipulate] sample [as] to establish definite experimental conditions.

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A4 27[(amended)] A process to [one of the claims 23 to 26] Claim 23

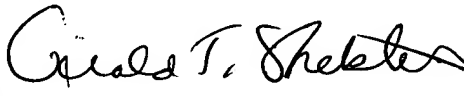
characterized in that the material involved in the assay for measuring the concentration and/or activity of the inhibitor is held at constant temperature at least during the incubation time.

Please add new claim 28, as follows:

AS --28. The process of Claim 1, further including using a device for measuring the activity of enzymes in a liquid, including filling a column with a chromatographic carrier treated with a substance capable of binding such enzyme inhibitors which correspond to at least one enzyme in the sample, so as to fill at least one test vessel with a substrate and at least a part of the sample with a valve-/pump-arrangement connected in series to the end of the column and providing a detector for measuring the increase of the concentration per unit of time of at least one cleavage product.-

Respectfully submitted,

WELSH & KATZ, LTD.

By 

Gerald T. Shekleton
Registration No. 27,466

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Welsh & Katz, Ltd.

120 South Riverside Plaza, 22nd Floor

Chicago, Illinois 60606

Telephone: 312/655-1500